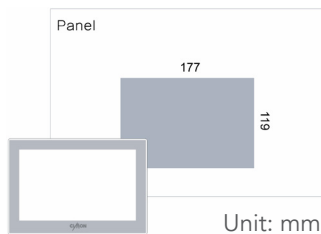
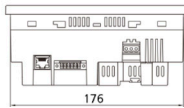
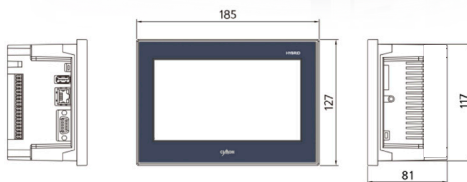


NEW

# Xpanel HYBRID

## Key Updates

- 2 Ethernet Ports
- Brighter Screen
- Longer Screen Life
- Sink / Source Available



### VESA WALL MOUNT

Get a clean and safe installation for articulating arms using the VESA mount.

### SEPARATED TERMINAL

Use both XpanelDesigner and CIMON PLC software to easily connect to other devices using the built-in USB mini-B port.

### HIGH RELIABILITY

Shares reliability standards with other CIMON PLC series (internal test standard).

### UNIVERSAL PLATFORM

Alarms, Historian, over 200 protocols, and more on one compact unit.

### SPEED

- Max 32 PID loop control.
- Equipped with 20 kHz (kpps) high-speed counter.
- 2-axis servo control embedded.

## Specifications

| Model  | CM-sHP07CD-DR  | CM-sHP07CD-DT          | CM-sHP07CD-DC         |
|--|--|------------------------|-----------------------|
| Rated Voltage                                | 24VDC (0.46 A)   | 24 VDC (0.33 A)        |                       |
| Operating Temperature                        | 0–60°C   |                        |                       |
| Resolution                                   | WVGA 800x400   |                        |                       |
| Backlight                                    | LED  |                        |                       |
| Luminance                                    | 600 cd/m <sup>2</sup>  |                        |                       |
| Backlight Life                               | 50,000 hours   |                        |                       |
| Touch Panel                                  | 4 wire resistive   |                        |                       |
| Memory                                       | 128 MB DDR2  |                        |                       |
| Storage                                      | 128 MB SLC NAND Flash  |                        |                       |
| SD Card                                      | 1 SD slot  |                        |                       |
| Comm. Ports (HMI)                            | 1 Ethernet (10/100 Base-T), 1 Serial (internal), 1 Serial (RS-232C/422/485)                |                        |                       |
| Comm. Ports (PLC)                            | 1 Ethernet (10/100 Base-T), 1 Serial (internal), 1 Serial (RS-232C), 1 Serial (RS-422/485) |                        |                       |
| USB 2.0 Host                                 | 1 port   |                        |                       |
| Tool Port (HMI + PLC)                        | 1 USB mini-B   |                        |                       |
| Audio  | 1 port   |                        |                       |
| Output (PLC)                                 | Relay output 8 pts   | TR output (SINK) 7 pts | TR output (SRC) 7 pts |
| Input (PLC)                                  | TR input 8 pts   |                        |                       |
| OS   | Windows CE 6.0   |                        |                       |
| Weight                                       | 0.85 kg (1.87 lbs)   |                        |                       |
| <b>Embedded PLC-S (All Models)</b>           |  |                        |                       |
| Data Processing Method                       | 32-bit   |                        |                       |
| Instructions                                 | Sequence: Approx. 60 instructions<br>Application: Approx. 480 instructions                 |                        |                       |
| Processing Speed                             | 300 ns/Step  |                        |                       |
| No. of Program Blocks                        | Max. 128   |                        |                       |
| Operation Mode                               | Remote (Run, Stop)   |                        |                       |
| Backup Method                                | K device and conservation (Latch) in M, L, T, C, S, D device                               |                        |                       |
| Max I/O pts & Expansion                      | 94 pts/1 option module + 2 PLC-S modules   |                        |                       |
| Program Type                                 | Scan, Subroutine, Periodic Interrupts, Special, Initialization                             |                        |                       |
| Self-Diagnosis                               | Monitor Scan Time Delay, Errors in Memory, I/O, Battery & Power                            |                        |                       |
| Etc.   | Floating Point Arithmetic, Online Edit   |                        |                       |
| RTC  | Embedded (Battery CR2032 Backup)   |                        |                       |
| Program Capacity                             | 10k Steps  |                        |                       |
| <b>Environmental Conditions (All Models)</b> |  |                        |                       |
| Operating Humidity                           | 10–90% RH, No condensation   |                        |                       |
| Vibration Resistance                         | JIS B 3502, IEC/EN 61131-2 compliant   |                        |                       |
| Shock Endurance                              | JIS B 3502, IEC/EN 61131-2 compliant   |                        |                       |
| Noise Immunity                               | Impulse, EFT/Burst, Surge, ±2 kV, 1 μs   |                        |                       |
| Ambient Conditions                           | Avoid corrosive gas and excessive dust   |                        |                       |
| Operating Altitude                           | ≤ 2000 m   |                        |                       |
| Pollution                                    | ≤ 2  |                        |                       |
| Cooling                                      | Natural air cooling  |                        |                       |